

ORIGINAL
(100)

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
PA	2443

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☒ ALLEGED

None reported or observed.

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include names of species)

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

None reported or observed.

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

None reported or observed.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☒ ALLEGED03 POPULATION POTENTIALLY AFFECTED: unknown

04 NARRATIVE DESCRIPTION

Contaminated soils detected on site were attributed to a leaking underground solvent tank. The tank and soils were removed in 1987.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

None reported or observed.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

None reported or observed.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)☐ POTENTIAL☐ ALLEGED

None reported or observed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None reported or observed.

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

The current site owners have remediated the violations noted above. The current site occupant utilizes adequate secondary containment measures for all hazardous materials handling.

V. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

PA DER Bureau of Water Quality file information for site no. 46-940.

APPENDIX A

GENERAL EPA <small>(Read the General Instructions before starting.)</small>	PROTECTION INFORMATION Permits Program	EPA I.D. NUMBER F P A D 0 0 2 2 7 8 3 3 1
<div style="font-size: 2em; transform: rotate(-15deg); opacity: 0.5;">Nov 1980 000547</div> <div style="border: 1px solid black; padding: 10px; display: inline-block;"> PLEASE PLACE LABEL IN THIS SPACE </div>		
GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.		

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)				B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)			
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	X		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)			
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)				H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)			
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)				J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			

III. NAME OF FACILITY

1	SKIP	Solid State Scientific, Inc.
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IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)		
2	Ashton, Robert Plt Prjct. Crdntr	215	855	8400

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX			
3	Montgomeryville Industrial Ctr		
B. CITY OR TOWN			
4	Montgomeryville		
C. STATE		D. ZIP CODE	
Pa	18936		

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5	Commerce and Enterprise Drives				
B. COUNTY NAME					
Montgomery County					
C. CITY OR TOWN			D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
6	Montgomeryville		Pa	18936	

A. FIRST		(specify)	
7	3, 6, 7, 4	Semiconductor Manufacturing	
C. THIRD		D. FOURTH	
(specify)		(specify)	
7		7	

VIII. OPERATOR INFORMATION

A. NAME		B. Is the name listed in Item VIII-A also the owner?	
8	Leonard P. Kedson	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)		D. PHONE (area code & no.)	
F - FEDERAL S - STATE P - PRIVATE	M - PUBLIC (other than federal or state) O - OTHER (specify)	2 1 5 8 5 5 8 4 0 C	
E. STREET OR P.O. BOX			
Montgomeryville Industrial Ctr			
F. CITY OR TOWN		G. STATE	H. ZIP CODE
B	Montgomeryville	Pa	1 8 9 3 6
		IX. INDIAN LAND Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
9	N P A 0 0 5 0 1 3 0	9	P
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
9	U	(specify)	
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
9	R P A D 0 0 2 2 7 8 3 3 1	(specify)	

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Semiconductor manufacturing, CMOS technology production.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Leonard P. Kedson, President		

COMMENTS FOR OFFICIAL USE ONLY

C	
C	

U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.

PAD002278331

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

SOLID STATE SCIENTIFIC INC
COMMERCE DRIVE
MONTGOMERY, PA 18936

III. LOCATION OF INSTALLATION

COMMERCE DRIVE
MONTGOMERY, PA 18936

INSTRUCTIONS: (Rog) received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

FOR OFFICIAL USE ONLY

COMMENTS

RCRA SECTION
EPA REGISTRATION

AUG 18 1986

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED
(yr., mo., & day)

F 1 8 0 0 2 2 7 8 3 3 1

T/A C

3 1

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3

CITY OR TOWN

ST.

ZIP CODE

4

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5

CITY OR TOWN

ST.

ZIP CODE

6

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)

PHONE NO. (area code & no.)

2 ASHTON ROBERT PLT. PROJ. COORDTR. 215-855-8400

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 SOLID STATE SCIENTIFIC INC.

B. TYPE OF OWNERSHIP
(enter the appropriate letter into box)

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

F = FEDERAL
M = NON-FEDERAL

M

☒ A. GENERATION☒ B. TRANSPORTATION (complete item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☒ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION☒ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

P A D 0 0 2 2 7 8 3 3 1

IX. DESCRIPTION OF HAZARDOUS WASTES

W	P	A	D	0	0	2	2	7	8	3	3	1	2	1
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IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 1 23 - 26	2 F 0 0 2 23 - 26	3 F 0 0 5 23 - 26	4 23 - 26	5 23 - 26	6 23 - 26
7 23 - 26	8 23 - 26	9 23 - 26	10 23 - 26	11 23 - 26	12 23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13 23 - 26	14 23 - 26	15 23 - 26	16 23 - 26	17 23 - 26	18 23 - 26
19 23 - 26	20 23 - 26	21 23 - 26	22 23 - 26	23 23 - 26	24 23 - 26
25 23 - 26	26 23 - 26	27 23 - 26	28 23 - 26	29 23 - 26	30 23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 P 0 1 0 23 - 26	32 U 0 0 2 23 - 26	33 U 0 7 0 23 - 26	34 U 0 7 1 23 - 26	35 U 0 7 2 23 - 26	36 U 1 3 4 23 - 26
37 U 1 4 0 23 - 26	38 U 1 5 4 23 - 26	39 U 1 8 8 23 - 26	40 U 2 2 0 23 - 26	41 U 2 2 6 23 - 26	42 U 2 2 9 23 - 26
43 U 2 3 9 23 - 26	44 23 - 26	45 23 - 26	46 23 - 26	47 23 - 26	48 23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49 23 - 26	50 23 - 26	51 23 - 26	52 23 - 26	53 23 - 26	54 23 - 26
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E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☒ 1. IGNITABLE
(D001)☒ 2. CORROSIVE
(D002)☒ 3. REACTIVE
(D003)☒ 4. TOXIC
(D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE <i>John M. K... ..</i>	NAME & OFFICIAL TITLE (type or print) PRESIDENT	DATE SIGNED 8/15/80
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
6TH AND WALNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

EPA I.D. # PAD002278331

December 31, 1980

Solid State Scientific, Inc.
Mr. Robert Ashton
Montgomeryville Industrial Center
Montgomeryville, Pa. 18936

Re: Acknowledgment of Application for
a Hazardous Waste Permit

This is to acknowledge that the Environmental Protection Agency has received: (1) A notification pursuant to Section 3010 of the Resource Conservation and Recovery Act for the facility located at [REDACTED] shown above; and (2) Part A of a Hazardous Waste Permit Application for that facility, including a signed statement that the operation of the facility, or its construction, began prior to November 19, 1980. While the information provided by these submissions has not been fully reviewed for completeness or accuracy, EPA will accept this information as an initial qualification for interim status pursuant to Section 3005 of the Act. If after further review of this information, EPA determines that the owner or operator did not fulfill all the requirements for interim status, EPA may treat the owner or operator as not having qualified for interim status pursuant to that section and will advise the owner or operator of that determination. Facility owners and operators with interim status must comply with the standards set forth at 40 CFR Part 265 until a permit is issued. Interim status may be terminated if the owner or operator fails to furnish any additional information requested by EPA in order to process a permit application.



**ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)**

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER ➤

PAD 00 227 8331

INSTALLATION ADDRESS ➤

Solid State Scientific, Inc.
Commerce Drive
Montgomeryville, PA 18936

Commerce Drive
Montgomeryville, PA 18936



SOLID STATE SCIENTIFIC INC.

MONTGOMERYVILLE, PENNA. 18936 ■ 215-855-8400
TWX 510-661-7267

January 21, 1981

Ms. Shirley Bulkin
Environmental Protection Agency
Region III
P. O. Box 1480
Philadelphia, PA 19107

Reference: PAD002278331

Dear Shirley:

In keeping with the E.P.A. request that all generators, TSDF's and transporters update their notification bulletins when required, I would like to submit the following revisions, regarding our Montgomeryville Facility, Permit PAD002278331:

Item

VI & VII

add trans. & highway
2/2/81

We wish to be permitted to transport wastes between our facilities for treatment and/or storage. It has been my understanding that notification to the E.P.A. is all that is currently required, provided that commerce is contained within the state of Pennsylvania and D.O.T. placarding, labeling and packing requirements are complied with. This information was given to me through a telephone conversation with a representative of your Philadelphia office. If there are further requirements, please notify me immediately.

IX

deleted
u070
11 71
72

Section C - It is my contention that hazardous waste numbers u070, u071, u072 (1,2; 1,3; 1,4 Dichlorobenzene) are not constituents of a chemical used here that contains Orthodichlorobenzene. Therefore, we wish to categorize Orthodichlorobenzene under Section X, Non-listed Hazardous Wastes, as a toxic substance. Please remove these numbers from Section C, Commercial Chemical Product Wastes.

Please note that you will be receiving an identical letter regarding changes in our notification for our Willow Grove Facility. Please refer those changes to their corresponding identification number.

Ms. Shirley Bulkin
Environmental Protection Agency
January 21, 1981
Page 2

Please call me at (215) 855-8400, ext. 423 if any questions arise. Enclosed you will find a copy of the revised notification for your file.

Sincerely,



Robert J. Ashton
Plant Project Coordinator

RJA:jmd

Enclosure

cc: Craig Phillips
Ronald DePue



SOLID STATE SCIENTIFIC INC.

MONTGOMERYVILLE, PENNA. 18936 ■ 215-855-8400
TWX 510-661-7267

January 23, 1981

ORIGINAL
(Red)
AMMENDED PART A.

Ms. Shirley Bulkin
Environmental Protection Agency
Region III
P. O. Box 1480
Philadelphia, PA 19107

Reference: I.D. #PAD002278331

Dear Shirley:

Please make the following changes regarding our Form (3) Treatment, Storage and Disposal, Part "A", Application, PAD002278331:

<u>Page</u>	<u>Section</u>	<u>Line Numbers</u>	<u>Hazard Waste Codes</u>
3	IV	9 & 10	D001, D002, D000

Please change under Item B, Estimated Annual Quantity of Waste from:

Line 9 - 6.6 to 66.6 T
Line 10- 6.0 to 60.6 T

This was a typographical error on my part and I have included a copy of these corrections with this letter. My apologies for any inconvenience this may have caused you. Please contact me if there are any further questions regarding these corrections.

Sincerely,

Robert J. Ashton

Robert J. Ashton *Jmd*
Plant Project Coordinator

RJA:jmd

cc: C. Phillips
R. DePue

Enclosures



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III

6TH AND WALNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

JUL 27 1981

Mr. L. P. Kedson
Solid State Scientific, Inc.
Montgomeryville Industrial Ctr.
Montgomeryville, PA 18936

Dear Mr. Kedson:

This is to acknowledge that the Environmental Protection Agency has completed processing the information submitted in your Part A Hazardous Waste Permit Application. It is the Agency's opinion, based on the assumption that the information submitted is complete and accurate, you as an owner or operator of a hazardous waste management facility have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. EPA has not verified the information submitted. If it is determined that the information is incomplete or inaccurate, you may be asked to provide additional information or in certain circumstances it may be determined that you do not qualify for interim status. In addition, this notice does not preclude a citizen from taking legal action under the provisions of Section 7002 of RCRA.

A facility not meeting the requirements for interim status under Section 3005 of RCRA may be required to close until such time as a hazardous waste permit is issued. Interim status may also be terminated, according to procedures in 40 CFR Part 124, if the owner or operator fails to furnish additional information which EPA requests in order to process a permit application.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265 or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The enclosure to this letter identifies the processes your facility may use, their design capacities, and types of waste your facility may accept during interim status. This information was obtained from the Part A Permit Application. If you wish to handle new wastes, change processes, increase the design capacity of existing processes, or change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

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If you have any questions concerning this letter, please write to the address shown or call Bill Walsh at 215/597-1230.

Sincerely yours,

Shirley D. Bulkin
Shirley D. Bulkin
Chief, Administrative Support Section
Permit Enforcement Branch

Enclosure

CONDITIONS OF OPERATION DURING
INTERIM STATUS

Date Prepared: July 27, 1981

The information shown below is based solely on the information that the owner and operator of this facility submitted in Part A of the Hazardous Waste Permit Application. This is not a determination by EPA that this facility is an environmentally acceptable facility for treating, storing or disposing of the hazardous wastes listed below.

1. Facility name, location, and EPA Identification Number.

Name: Solid State Scientific, Inc.

Location: Commerce & Enterprise Drives
Montgomeryville, PA 18936

EPA I.D. No.: PAD 00 227 8331

II. EPA considers the following to be the owner or operator of the facility and therefore the person(s) who must comply with the requirements set forth in 40 CFR Parts 122 and 265.

Owner's Name: Mr. L. P. Kedson, President

Operator's Name: Mr. R. J. Ashton

III. During the period of interim status, the facility may use only the following processes for treating, storing or disposing of hazardous waste, up to the design capacities that are indicated.

<u>PROCESS</u>	<u>DESIGN CAPACITY</u>
<u>S01</u>	<u>5500 Gals.</u>
<u>S02</u>	<u>1550 Gals.</u>
<u>T01</u>	<u>85,000 Gals/Day</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

IV. During the period of interim status, the facility may handle only the hazardous wastes with the following EPA Hazardous Waste Numbers, and/or solid waste exhibiting hazardous characteristics with the following EPA Hazardous Waste Numbers.

<u>U002</u>	<u>U134</u>	<u>U154</u>	<u>U188</u>	<u>U072</u>
<u>U229</u>	<u>U239</u>	<u>U226</u>	<u>D001</u>	<u>D002</u>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III

6TH AND WALNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

JUL 27 1981

Mr. R. J. Ashton
Solid State Scientific, Inc.
Montgomeryville Industrial Ctr.
Montgomeryville, PA 18936

Dear Mr. Ashton:

This is to acknowledge that the Environmental Protection Agency has completed processing the information submitted in your Part A Hazardous Waste Permit Application. It is the Agency's opinion, based on the assumption that the information submitted is complete and accurate, you as an owner or operator of a hazardous waste management facility have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. EPA has not verified the information submitted. If it is determined that the information is incomplete or inaccurate, you may be asked to provide additional information or in certain circumstances it may be determined that you do not qualify for interim status. In addition, this notice does not preclude a citizen from taking legal action under the provisions of Section 7002 of RCRA.

A facility not meeting the requirements for interim status under Section 3005 of RCRA may be required to close until such time as a hazardous waste permit is issued. Interim status may also be terminated, according to procedures in 40 CFR Part 124, if the owner or operator fails to furnish additional information which EPA requests in order to process a permit application.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265 or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The enclosure to this letter identifies the processes your facility may use, their design capacities, and types of waste your facility may accept during interim status. This information was obtained from the Part A Permit Application. If you wish to handle new wastes, change processes, increase the design capacity of existing processes, or change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

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If you have any questions concerning this letter, please write to the address shown or call Bill Walsh at 215/597-1230.

Sincerely yours,

Shirley D. Bulkin

Shirley D. Bulkin
Chief, Administrative Support Section
Permit Enforcement Branch

Enclosure

March 11, 1985

2. A complete description of the proposed decontamination procedures should be provided, and should include the following:
- a) A description of the cleaning procedure (water washdown, steam-cleaning, etc.) to be used for each piece of equipment.
 - b) If a review of operating history or a visual inspection indicate that some soil or groundwater pollution may be present, a technique for evaluating and rectifying the situation must be provided.
 - c) A testing method to insure the decontamination procedure is efficient.
 - d) A disposal method for the clean-up residue.

Upon receipt of the above information, the plan will be deemed approved and closure may proceed. When all closure activities are completed, please execute the attached certifications and forward them to me at the above address.

If you have any questions, please do not hesitate to call me.

Very truly yours,


James A. Dolan
Hazardous Waste Coordinator

JAD/bal

Enclosure

CC: Field Supervisor
U.S. EPA Code 311W33
Division of Hazardous Waste Management



12/2/85
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

RECEIVED
PA SECTION

SEP 27 1985

EPA, R3

Bethlehem Office
520 East Broad Street
Bethlehem, PA 18018
861-2070

September 26, 1985

Re: Closure of Hazardous
Waste Management Facilities
PAD002278331 *mm*
PAD000765800 *WG*

Ms. Josephine Histan
Solid State Scientific, Inc.
3900 Welsh Road
Willow Grove, PA 19090

Dear Josephine:

This is to acknowledge receipt of your correspondence dated September 16, 1985 confirming completion of closure of the Montgomeryville facility. Also contained in this correspondence were the certifications of closure for this facility. An inspection on September 19, 1985 indicates that closure was in accordance with the approved plan. This completes the Department's requirements for closure of your Montgomeryville plant.

An inspection on August 16, 1985 of the Willow Grove facility of SSSI confirmed that storage of hazardous wastes for less than 90 days is occurring. This completes the Department's requirements for withdrawal of interim status.

Thank you for your cooperation during these closures. If you have any questions or if I can be of further service, please do not hesitate to call.

Very truly yours,

James A. Dolan
Solid Waste Specialist

JAD/bal

CC: L. Luns
G. Danyliw
Division of Hazardous Waste Management
U.S. EPA Code 3HW33

PROFESSIONAL ENGINEER CERTIFICATION OF CLOSURE

I, William L. Deane, a Professional Engineer registered
(Name)

pursuant to the Professional Engineers Registration Law, 63 P.S. §§148
et seq., hereby certify that I have reviewed the Closure Plan for the
Storage Area, Drum and Solvent Storage Areas and Wastewater Treatment Plant
(Type of Facility)

at Building No. 2 ("facility"), located at
(Name of Hazardous Waste Facility)
Solid State Scientific, Incorporated, Montgomeryville, Pa.,
(Location)

that I am familiar with the rules and regulations of the Pennsylvania
Department of Environmental Resources pertaining to closure of such facility,
and that I personally have made visual inspection(s) of the aforementioned
facility, in addition to the visitations of my staff, and that the closure
of the aforementioned facility has been performed in full and complete
accordance with the facility's closure plan approved in writing by the
Department of Environmental Resources on September 1, 1985,
and the rules and regulations of the Department codified at 25 Pa.
Code Chapter 75.

William L. Deane

(Signature)

11 September 1985

(Date)

32361-E

(Professional Engineering License Number)

Storch Engineers
220 Ridgedale Avenue
Florham Park, NJ 07932

(Business Address)

(Seal)

201-822-2600

(Telephone Number)

Please refer to the attached engineering report in support of this
certification.

OWNER OR OPERATOR CERTIFICATION OF CLOSURE

The undersigned, of Solid State Scientific, Inc, a (1) Corporation,
(Name of Owner or Operator)
incorporated under the laws in the State of Delaware and licensed to do business in
Pennsylvania, or (2) _____,
(Partnership, Individual, Municipality or Other Entity)
with its principal place of business at 3900 Welsh Road, Willow Grove 19090, which
(Address)
formerly owned or operated a hazardous waste Storage and Treatment Facility
(Description of Hazardous Waste Activity)
(hereinafter "Facility") known as Solid State Scientific, Inc. and
(Name of Hazardous Waste Facility)
located at Commerce Drive & Enterprise Road, Montgomeryville
(Location)
in Montgomery County, Pennsylvania, has completed and permanently ceased the
active operation of the facility and has fully implemented all measures relating to the
closure of the facility as set forth in the Closure Plan approved by the Pennsylvania
Department of Environmental Resources for said facility.

NOW, THEREFORE, I (we) John Robert Michael Hinsley
(Name of Owner/Operator)

hereby swear and affirm that the above-named hazardous waste facility has been closed in
accordance with the facility's Closure Plan approved in writing by the Department on
September 1st, 1985, that all measures relating to the closure of the facility required
by the Closure Plan and the rules and regulations of the Department codified at 25 Pa. Code
Chapter 75 have been fully implemented, and that to the best of my (our) knowledge, no
violations continue to exist that may have arisen prior to closure.

JRM Hinsley
(Signature)

Director Of Facilities
(Title)

3900 Welsh Road, Willow Grove, PA 19090
(Address)

Taken, sworn and subscribed before me, this
16th day of September A.D. 1985

Herman S. Richard
(Notary)

HERMAN S. RICHARD, NOTARY PUBLIC
NEW HANOVER TWP., MONTGOMERY COUNTY
MY COMMISSION EXPIRES JAN. 13, 1987
Member, Pennsylvania Association of Notaries

DER-RECEIVED
NORRISTOWN

JUN 26 1986

SOLID
STATE
SCIENTIFIC



SOLID STATE SCIENTIFIC, INC.

3900 Welsh Road
Willow Grove, PA 19090
(215) 657-8400 TWX 510-661-726

June 13, 1986

Mr. James A. Dolan
Hazardous Waste Coordinator
Commonwealth Of Pennsylvania
Department Of Environmental Resources
520 East Broad Street
Bethlehem, Pa. 18018

Dear Jim:

Solid State Scientific, Inc. has completed the closure of the building #2 location in Montgomeryville as a generator (manufacturing location). In 1985, the treatment and storage facilities were closed and the certification and report were sent to the DER. SSSI has also had the closure of the building as a generator certified by a professional engineer. Enclosed is a copy of the closure certification and the engineer's report.

If there are any further questions, please contact me at (215) 657-8400 extension 3367.

Sincerely,

Josephine Hestand

Josephine Hestand

JH/ck

cc: C.Phillips

encl.

RECEIVED

JUN 17 1986

BETHLEHEM DIST. OFF.
DEPT. OF ENV. RES.

PROFESSIONAL ENGINEER CERTIFICATION OF CLOSURE

I, Thomas G. Pullar, a Professional Engineer registered pursuant to
(Name)

the Professional Engineers Registration Law, 63 P. S. §148 et seq.,
hereby certify that I have reviewed the Closure Plan for the
Building 2 - manufacturing facilities at

(Type of Facility)

Solid State Scientific, Inc., Montgomeryville Plant ("facility"),

(Name of Hazardous Waste Facility)

located at the northern corner at the intersection of Commerce Road
and Enterprise Drive, Montgomery Township, Montgomery County, PA.,

(Location)

that I am familiar with the rules and regulations of the Pennsylvania
Department of Environmental Resources pertaining to closure of such
facility, and that I personally have made visual inspections(s) of
the aforementioned facility, in addition to the visitations of my
staff, and that the closure of the aforementioned facility has been
performed in full and complete accordance with the facility's closure
plan approved in writing by the Department of Environmental Resources
on September 1, 1985, and the rules and regulations of the Department
codified at 25 Pa. Code Chapter 75.

Thomas G. Pullar

(Signature)

6/11/86

(Date)

PE-033923-E

(Professional Engineering License Number)

American Resource Consultants, Inc.
450 East Street
Doylestown, PA 18901

(Seal)

(Business Address)

(215) 348-0402

(Telephone Number)

The attached engineering report describes the work performed by ARC,
Inc. and is herein made a part of this closure certification.

ORIGINAL
(Red)

APPENDIX B

ORIGINAL
(Red)

APPENDIX C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.

Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *State Scientific*
Montgomery, PA
PR 002278281

DATE: 2/12/85

FROM: *gk* Gregory A. Koltonuk, Environmental Scientist
RCRA Enforcement Section (3HW11)

TO: File

Thru: Peter W. Schaul, Chief
RCRA Enforcement Section (3HW11)

BASED UPON A REVIEW OF THE RCRA INSPECTION REPORT FOR THE FACILITY
REFERENCED ABOVE, I HAVE DETERMINED THAT NO FURTHER ACTION IS
REQUIRED AT THIS TIME.

HAZARDOUS WASTE INSPECTION REPORT
Generators - Part A

CC
ORIGINAL
(Red)

Date of inspection 11-9-84 Time start 1300 Time finish 1430
Name of inspector ROBERT ALLEN
Company, installation name SOLID STATE SCIENTIFIC
Location 12 COMMERCE DRIVE MONTGOMERYVILLE
County MONTGOMERY Municipality MONTGOMERY TWP.
Identification number PAD002278331
Name of responsible official PETER LOCONTO
Title GM
Mailing address 3900 WELSH RD. WILLOW GROVE PA. 19090
Area code and phone no. _____
Name of person interviewed JOSEPHINE HISTAND
Title CHEMICAL TECHNICIAN
Mailing address (if different from above) _____
Area code and phone no. _____

1. Current waste handling method:

- a. ☒ On-site ☐ treatment, ☒ storage, ☐ disposal
b. ☐ On-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim
c. ☒ Off-site ☒ treatment, ☒ storage, ☐ disposal
d. ☐ Off-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim

DEC 18 1984

2. Amount of hazardous waste produced:

- a. 3000 kg./mo.
b. _____ kg./yr.

3. Types of hazardous waste produced by Hazardous Waste Number:

D001 D002

F002, 3, 5

4. Are hazardous wastes transported off-site by the generator? ☐ Yes ☒ No

HAZARDOUS WASTE INSPECTION REPORT
Generators - Part B

1- NON-COMPLIANCE, 2-COMPLIANCE, 3-NOT APPLICABLE, 4-NOT DETERMINED

COMPLIANCE STATUS				REQUIREMENT	CHAPTER CITATION
1	2	3	4		
	✓			Identification number	(c) (1)
	✓			Hazardous waste shipments offered only to licensed transporters	(c) (4)
	✓			Authorization received from TSD facility for wastes shipped off-site	(d)
	✓			PA manifest used for intrastate shipments	(e) (1) (
		✓		Disposer state manifest or EPA format manifest used for out-of-state shipments	(e) (1) (i
	✓			Manifests filled out properly and completely	(e) (1)
	✓			Manifests routed properly and within time limits (24 hours)	(e) (2)
	✓			Proper U.S. DOT shipping containers or packages	(f) (1) (
	✓			Shipping containers marked and labeled according to U.S. DOT	(f) (1) (i
	✓			Containers of 110 gal. or less marked with required PA label	(f) (1) (i
		✓		Placards offered to transporter	(f) (2)
	✓			Wastes accumulated on-site for less than 90 days	(g) (1)
	✓			Wastes stored in proper containers and properly marked and labeled	(g) (1) (
	✓			Containers managed in accordance with 75.265(g)	(g) (1) (
	✓			Containers clearly marked with accumulation date and visible for inspection	(g) (1) (
	✓			Records retained at designated location for 20 years	(h)
	✓			Quarterly reports submitted to the Department	(i)
	✓			Exception reporting procedures followed	(j)
	✓			Hazardous waste disposal plan, if required	(l)
	✓			Spill reporting procedures followed	(m) (1)
	✓			Preparedness, Prevention and Contingency Plan approved and implemented	(m) (5)
	✓			Special requirements followed for international shipments	(o)

DEC 18 1984

1- NON-COMPLIANCE, 2- COMPLIANCE, 3- NOT APPLICABLE, 4- NOT DETERMINED

COMPLIANCE STATUS				REQUIREMENT	CHAPTER CITATION
1	2	3	4		
	✓			Containers managed to prevent leaks and spills	(q) (1), (4)
	✓			Containers are compatible with waste stored.	(q) (2)
	✓			Containers are closed during storage	(q) (3)
	✓			Container storage area inspected weekly for leaks, deterioration, etc.	(q) (5)
	✓			Containers holding ignitable or reactive wastes are set back 15 m (50 ft) from property line.	(q) (6)
		✓		Satisfactory procedures followed for handling incompatible wastes.	(q) (7), (8)
		✓		Incompatible wastes separated or protected from other materials.	(q) (9)
	✓			Containers and tanks labeled to identify accurately hazardous waste contained.	Act 97 Section 403(b) (1)
		✓		Precautions taken for tanks holding ignitable, reactive, or incompatible waste or material	(r) (2)
	✓			Tanks managed to prevent leaks, rupture, corrosion, or otherwise failing.	(r) (3)
		✓		Uncovered tanks operated to ensure at least 60 cm (2 ft) of freeboard.	(r) (4)
		✓		Uncovered tanks equipped with an overflow alarm and an overflow device to a standby tank with a capacity equal to or exceeding the freeboard requirement.	(r) (4)
	✓			Continuously fed tanks equipped with a means to stop the inflow.	(r) (5)
		✓		Containment structure with a capacity that equals or exceeds the largest above ground tank volume plus a reasonable allowance for precipitation based on local weather conditions and plant operations provided for liquid storage in above ground or partially above ground tanks.	(r) (6)
		✓		Waste analyses and/or trial tests conducted on hazardous wastes substantially different from wastes previously treated or stored; or chemically treat hazardous waste with a substantially different process than any previously used in that tank.	(r) (7)
		✓		Discharge control equipment inspected once each operating day.	(r) (8) (i)
		✓		Monitoring equipment data inspected once each operating day.	(r) (8) (ii)
	✓			Liquid level of tanks inspected once each operating day. DEC 18 1984	(r) (8) (iii)
	✓			Construction materials of tanks inspected weekly.	(r) (8) (iv)
	✓			Construction materials of discharge confinement structures and area immediately surrounding inspected weekly.	(r) (8) (v)
		✓		All hazardous waste removed from tanks and related appurtenances at closure.	(r) (9)
		✓		Placement of ignitable or reactive waste only with the Department's approval	(r) (10)
		✓		Covered tanks in which ignitable or reactive waste is treated or stored meets NEPA buffer zone requirements.	(r) (11)
		✓		Precautions taken for handling ignitable, reactive or incompatible waste or material.	(r) (12),

HAZARDOUS WASTE INSPECTION REPORT
Part C - Comments

Date of Inspection 11-9-84 Identification Number PAD00228331
Company, Installation Name SOLID STATE SCIENTIFIC
County MONTGOMERY Municipality MONTGOMERY TWP.

THIS FACILITY HAD INTERIM STATUS ~~FOR~~ FOR STORAGE & TREATMENT
BUT WILL NOT SEEK A PERMIT FOR THESE ACTIVITIES. THERE-
FORE A NEW NOTIFICATION MUST BE SUBMITTED DELETING
SAME. NO WASTES CAN BE STORED > 90 DAYS.

NO VIOLATIONS OBSERVED.

DEC 13 1984

This inspection report is official notification that a representative of the Department of Environmental Resources, Bureau of Solid Waste Management, inspected the above installation. The findings of this inspection are shown in this report. Any violations which were uncovered during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses and review of Department records. Notification will be forthcoming, confirming any violations indicated herein and listing any additional violations.

Person Interviewed (signature) Josephine G. [Signature] Date 11/9/84
Inspector (signature) [Signature] Date 11-7-84

SUBJECT: RCRA Inspection - ~~Solid State Scientific~~ - Montgomeryville, Pa DATE: 8/25/87
TAD 002278331

FM: ^{JK} Gregory A. Koltonuk, Environmental Scientist
PA-RCRA Enforcement Section (3HW1F)

File

TO: Peter W. Schaul, Chief ^{PA} ~~PA~~ ^{PA}
PA-RCRA Enforcement Section (3HW11)

BASED UPON A REVIEW OF THE RCRA INSPECTION REPORT FOR THE FACILITY
REFERENCED ABOVE, I HAVE DETERMINED THAT NO FURTHER ACTION IS
REQUIRED AT THIS TIME.

HAZARDOUS WASTE INSPECTION REPORT
Generators - Part A

Date of inspection August 6, 1987 Time start 9:00 Time finish 9:10
Name of inspector CAROL A. QUIGLEY
Company, installation name SOLID STATE SCIENTIFIC
Location 12 Commerce Drive, MONTGOMERVILLE
County MONTGOMERY Municipality MONTGOMERY TWP
Identification number PA00022 78331
Name of responsible official _____
Title _____
Mailing address _____
Area code and phone no. _____
Name of person interviewed _____
Title _____
Mailing address (if different from above) _____
Area code and phone no. _____

1. Current waste handling method:

- a. ☐ On-site ☐ treatment, ☐ storage, ☐ disposal
b. ☐ On-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim
c. ☐ Off-site ☐ treatment, ☐ storage, ☐ disposal
d. ☐ Off-site ☐ use, ☐ reuse, ☐ recycle, ☐ reclaim

2. Amount of hazardous waste produced:

- a. NONE kg./mo.
b. _____ kg./yr.

3. Types of hazardous waste produced by Hazardous Waste Number:

4. Are hazardous wastes transported off-site by the generator? ☐ Yes ☐ No

Date of inspection 8/6/87 Identification number PA0002278331
Company, Installation name SOLID STATE SCIENTIFIC
County MONTGOMERY Municipality MONTGOMERY TWP.

The building which formerly housed Solid State Scientific is currently for sale.

There was no one at this site.

According to Richard Budwig of Phila. Resins (located within the same industrial park),

Solid State moved out of the location on Commerce Drive in early 1986.

A review of the Regional File found that the generator closure was certified by a P.E. (see attached copies)

This inspection report is official notification that a representative of the Department of Environmental Resources, Bureau of Solid Waste Management, inspected the above installation. The findings of this inspection are shown in this report. Any violations which were uncovered during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses and review of Department records. Notification will be forthcoming, confirming any violations indicated herein and listing any additional violations.

Person Interviewed (signature) _____ Date _____
Inspector (signature) Carol A. Pungley Date 8/6/87

ORIGINAL
(Red)

APPENDIX D



DAMES & MOORE

A PROFESSIONAL LIMITED PARTNERSHIP

4620 STREET ROAD, TREVOSSE, PENNSYLVANIA 19047 (215) 364-7910

file in -> [redacted] 0331

September 15, 1987

United States Environmental Protection Agency
Waste Management Branch
841 Chestnut Street
Philadelphia, Pennsylvania 19107

Attention: Mr. Garth Conner

Re: Request for EPA I.D. Number
Horsham Valley Development Corp.
Horsham, Pennsylvania

Dear Mr. Conner:

The purpose of this letter is to request, on behalf of our client, Horsham Valley Development Corp (HVDC), an EPA I.D. Number. This request is made pending identification and listing, under 40 CFR Part 261, of approximately 250 tons of in-place contaminated soil on property recently purchased by HVDC. HVDC, although in no way responsible for creating or contributing to the creation or existence of the contaminated soil, fully intends to remove and properly dispose of the soil from the property. To accomplish this, an EPA I.D. Number is necessary, as HVDC will become a one-time generator.

Your response to this request will be greatly appreciated. If you have any questions, please contact me.

Very truly yours,

DAMES & MOORE
A Professional Limited Partnership

Thor Helgason

Thor Helgason
Project Engineer

TH:jw

cc: Ken Bissinger - HVDC

1303R

*Put in Solid State file
per Sam Israel
9/22/87*



Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

Comments

Comments	
C	
C	

Installation's EPA ID Number															Approved		Date Received (yr. mo. day)		
C															T/A	C			
F																1			

HORSHAM VALLEY DEVELOPMENT CORPORATION - BUILDING NO. 2

Street or P.O. Box

[illegible]

City or Town															State	ZIP Code			
C																			
4	HORSHAM															PA	19044		

Street or Route Number

[illegible]

City or Town															State	ZIP Code
C	MONTGOMERYVILLE														PA	18936

Name and Title (last, first, and job title)

[illegible]

A. Name of Installation's Legal Owner

[illegible]

A. Hazardous Waste Activity

☒ 1a. Generator ☐ 1b. Less than 1,000 kg/mo.

☐ 2. Transporter

☐ 3. Treater/Storer/Disposer

☐ 4. Underground Injection

☐ 5. Market or Burn Hazardous Waste Fuel
(enter 'X' and mark appropriate boxes below)

☐ a. Generator Marketing to Burner

☐ b. Other Marketer

☐ c. Burner

B. Used Oil Fuel Activities

☐ 6. Off-Specification Used Oil Fuel
(enter 'X' and mark appropriate boxes below)

☐ a. Generator Marketing to Burner

☐ b. Other Marketer

☐ c. Burner

☐ 7. Specification Used Oil Fuel Marketer (or On site Burner)
Who First Claims the Oil Meets the Specification

☐ **A. Utility Boiler**☐ B. Industrial Boiler☐ C. Industrial Furnace☐ A. Air ☐ B. Rail ☐ C. Highway ☐ D. Water ☐ E. Other (specify) _____

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☒ A. First Notification ☐ B. Subsequent Notification (*complete item C*)

ID — For Official Use Only												
C												T/A/C
W												

X. Description of Hazardous Wastes (continued from front)

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 — 261.24)

☐ 1. Ignitable
(D001)

☐ 2. Corrosive
(D002)

☐ 3. Reactive
(D003)

☐ 4. Toxic
(D000)

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature

Kenneth A. Bissinger
Vice President

Name and Official Title (type or print)

KEN BISSINGER - VICE PRESIDENT

Date Signed

SEPTEMBER 15, 1997

COMMONWEALTH OF PENNSYLVANIA
Environmental Resources
October 13, 1987
8-354-1948

Mary *RJB File*
SUBJECT: Review of Solid State Scientific, Inc.
Report and Work Plan
Montgomeryville, Montgomery County

TO: BRUCE D. BEITLER
Operations Supervisor

Thru: LAWRENCE H. LUNSK
Waste Management Facilities
Supervisor

FROM: SARAH PANTELIDOU
Hydrogeologist

I have reviewed the report and work plan and my comments follow:

Information provided by the consultant (Thor Helgason of Dames and Moore) revealed that an unknown prospective property owner installed four wells at the site. Subsequent ground water sampling revealed the volatile contamination in well 3. The solvents apparently originated in an underground tank used to store waste solvent from an electroplating operation. A closure plan (approved by DER?) was developed and carried out: Removal of the tank and its piping took place. Dames and Moore's position is that additional soil should be removed from the area around Well 3. I agree.

The report and work plan are approved with the following exceptions:

1. The Bureau of Dams and Waterways should be notified of the soil removal activity near a stream;
2. The voids encountered in boring 5 should be explained;
3. In task 6 of the work plan, regardless of the screening process used to identify contamination, soil removal should continue until 1 ppm total volatile organics remain in the soil.
4. Material used for backfilling should minimize infiltration of runoff into the area.

cc: George Danyliw, Field Supervisor
John Smith, Bureau of Dams and Waterways
Marilyn Shup, Field Supervisor, Water Quality
Re 30 (DAC)286

DESK MEMORANDUM

SUBJECT *Mar 4*
SOLID STATE SCIENTIFIC - Montgomeryville

TO *MAURILYN SHUP* FROM *CAROL Q*

DATE SENT *10/19/87* DATE NEEDED

PLEASE CALL:	APPROVAL	SEE ME
RETURNED YOUR CALL	AS REQUESTED	COMMENT
INFORMATION & FILE	PREPARE REPLY/REPORT	NOTE AND RETURN
NECESSARY ACTION	SIGNATURE	

RECEIVED BY DATE TIME

ROUTE	INITIAL	DATE	ROUTE	INITIAL	DATE

MESSAGE:

*Attached are copies of results
from stream & sediment samples
taken by Barnes & Moore.*

*They will be drilling monitoring
wells on 10/21/87.*

*Leak from waste solvent tank looks
like WH feed*


Lancaster Laboratories
INCORPORATED

10285

LLI Sample No. VW 1195225

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

HVDC Montgomeryville Upstream Water Sample
Collected on 09/14/87 (0840) by SJM

ANALYSIS	RESULT AS RECEIVED	LIMIT OF DETECTION	LAB CODE
Purgables Method # 624	attached		052022000P

The chain of custody states the collection time as (0840) but the label states the time as (1030).

1 COPY TO Dames & Moore

ATTN: Thor Helgason, Proj. Engineer



Respectfully Submitted
Lancaster Laboratories, Inc.
Reviewed and Approved by:

Timothy S. Oostdyk, B.A.
Group Leader, Inorganics

Lancaster Laboratories

INCORPORATED

07/14/87 102034
WK4453 D 1 10

LLI Sample No. WW 1195225

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

HVDC Montgomeryville Upstream Water Sample
Collected on 09/14/87 (0840) by SJM

	RESULT	LIMIT OF	LAB CODE
	AS RECEIVED	DETECTION	
Purgables Method # 624			
Chloromethane	N.D. ug/l	10.	082700000P
Bromomethane	N.D. ug/l	10.	082800000P
Vinyl chloride	N.D. ug/l	10.	082900000P
Chloroethane	N.D. ug/l	10.	083000000P
Acrolein	N.D. ug/l	100.	082400000P
Acrylonitrile	N.D. ug/l	100.	082500000P
Methylene chloride	N.D. ug/l	5.	083100000P
Trichlorofluoromethane	N.D. ug/l	5.	079000000P
1,1-Dichloroethene	N.D. ug/l	5.	083200000P
1,1-Dichloroethane	N.D. ug/l	5.	083300000P
trans-1,2-Dichloroethene	N.D. ug/l	5.	083400000P
Chloroform	N.D. ug/l	5.	083500000P
1,2-Dichloroethane	N.D. ug/l	5.	083600000P
1,1,1-Trichloroethane	7. ug/l	5.	083700000P
Carbon tetrachloride	N.D. ug/l	5.	083800000P
Bromodichloromethane	N.D. ug/l	5.	083900000P
1,1,2,2-Tetrachloroethane	N.D. ug/l	5.	084900000P
1,2-Dichloropropane	N.D. ug/l	5.	084000000P
trans-1,3-Dichloropropene	N.D. ug/l	5.	084100000P
Trichloroethene	11. ug/l	5.	084200000P
Dibromochloromethane	N.D. ug/l	5.	084600000P
1,1,2-Trichloroethane	N.D. ug/l	5.	084500000P
Benzene	N.D. ug/l	5.	084300000P
cis-1,3-Dichloropropene	N.D. ug/l	5.	084400000P
2-Chloroethylvinyl ether	N.D. ug/l	10.	082600000P
Bromoform	N.D. ug/l	5.	084700000P
Tetrachloroethene	N.D. ug/l	5.	084800000P
Toluene	N.D. ug/l	5.	085000000P
Chlorobenzene	N.D. ug/l	5.	085100000P
Ethylbenzene	N.D. ug/l	5.	085200000P

1 COPY TO Dames & Moore

ATTN: Thor Helgason, Proj. Engineer

The American Association for
Laboratory Accreditation
Chemical & Biological fields of testing



Member American Council of
Independent Laboratories, Inc.



SEE REVERSE SIDE FOR EXPLANATION
OF SYMBOLS AND ABBREVIATIONS AND
OUR STANDARD TERMS AND CONDITIONS

Respectfully Submitted
Lancaster Laboratories, Inc.
Reviewed and Approved by:

Nelson H. Risser B.A.
Senior Chemist GC/MS

Lancaster Laboratories

INCORPORATED

WK4453 p 1 10

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

HVDC Montgomeryville Downstream Water Sample
Collected on 09/14/87 (0845) by SJM

LLI Sample No. WW 1195226

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

ANALYSIS
Purgables Method # 624

RESULT
AS RECEIVED
attached

LIMIT OF
DETECTION
LAB CODE
052022000P

The chain of custody states the collection time as (0845) but the chain states the time as (1030).

1 COPY TO Dames & Moore

ATTN: Thor Helgason, Proj. Engineer



04083 0.00 022000

SEE REVERSE SIDE FOR EXPLANATION
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Respectfully Submitted
Lancaster Laboratories, Inc.
Reviewed and Approved by:

Timothy S. Oostdyk, B.A.
-Group Leader, Inorganics

Lancaster Laboratories

INCORPORATED

VK4453 D-1 10

LLI Sample No. WW 1195226

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

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HVDC Montgomeryville Downstream Water Sample
Collected on 09/14/87 (0845) by SJM

Purgables Method # 624	RESULT	LIMIT OF	LAB CODE
	AS RECEIVED	DETECTION	
Chloromethane	N.D. ug/l	10.	082700000P
Bromomethane	N.D. ug/l	10.	082800000P
Vinyl chloride	N.D. ug/l	10.	082900000P
Chloroethane	N.D. ug/l	10.	083000000P
Acrolein	N.D. ug/l	100.	082400000P
Acrylonitrile	N.D. ug/l	100.	082500000P
Methylene chloride	N.D. ug/l	5.	083100000P
Trichlorofluoromethane	N.D. ug/l	5.	079000000P
1,1-Dichloroethene	N.D. ug/l	5.	083200000P
1,1-Dichloroethane	N.D. ug/l	5.	083300000P
trans-1,2-Dichloroethene	68. ug/l	5.	083400000P
Chloroform	N.D. ug/l	5.	083500000P
1,2-Dichloroethane	N.D. ug/l	5.	083600000P
1,1,1-Trichloroethane	N.D. ug/l	5.	083700000P
Carbon tetrachloride	N.D. ug/l	5.	083800000P
Bromodichloromethane	N.D. ug/l	5.	083900000P
1,1,2,2-Tetrachloroethane	N.D. ug/l	5.	084900000P
1,2-Dichloropropane	N.D. ug/l	5.	084000000P
trans-1,3-Dichloropropene	N.D. ug/l	5.	084100000P
Trichloroethene	44. ug/l	5.	084200000P
Dibromochloromethane	N.D. ug/l	5.	084600000P
1,1,2-Trichloroethane	N.D. ug/l	5.	084500000P
Benzene	N.D. ug/l	5.	084300000P
cis-1,3-Dichloropropene	N.D. ug/l	5.	084400000P
2-Chloroethylvinyl ether	N.D. ug/l	10.	082600000P
Bromoform	N.D. ug/l	5.	084700000P
Tetrachloroethene	N.D. ug/l	5.	084800000P
Toluene	N.D. ug/l	5.	085000000P
Chlorobenzene	N.D. ug/l	5.	085100000P
Ethylbenzene	N.D. ug/l	5.	085200000P

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Chemical & Biological fields of testing



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Lancaster Laboratories, Inc.
Reviewed and Approved by:

Nelson H. Risser B.A.
Senior Chemist- GC/MS

Lancaster Laboratories INCORPORATED

LLI Sample No. SW 1195223

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

HVDC Montgomeryville US-1 Upstream Grab Sediment
Collected on 09/14/87 (1000) by SJM

ANALYSIS	RESULT AS RECEIVED	LIMIT OF DETECTION	LAB CODE
Moisture	22.7 % by wt.	0.1	011101000P
Purgables Method # 624	attached		052022000P

The chain of custody states the collection time as (1000) but the label states the time as (1030).

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Respectfully Submitted
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Timothy S. Oostdyk, B.A.
Group Leader, Inorganics

Lancaster Laboratories

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0-11-83 16285

LLI Sample No. SW 1195223

Dames & Moore
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Langhorne, PA 19047-6612

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

HVDC Montgomeryville US-1 Upstream Grab Sediment
Collected on 09/14/87 (1000) by SJM

Purgables Method # 624	RESULT	LIMIT OF	LAB CODE
	AS RECEIVED	DETECTION	
Chloromethane	N.D. mg/kg	0.2	082700000P
Bromomethane	N.D. mg/kg	0.2	082800000P
Vinyl chloride	N.D. mg/kg	0.2	082900000P
Chloroethane	N.D. mg/kg	0.2	083000000P
Acrolein	N.D. mg/kg	2.	082400000P
Acrylonitrile	N.D. mg/kg	2.	082500000P
Methylene chloride	N.D. mg/kg	0.1	083100000P
Trichlorofluoromethane	N.D. mg/kg	0.1	079000000P
1,1-Dichloroethene	N.D. mg/kg	0.1	083200000P
1,1-Dichloroethane	N.D. mg/kg	0.1	083300000P
trans-1,2-Dichloroethene	N.D. mg/kg	0.1	083400000P
Chloroform	N.D. mg/kg	0.1	083500000P
1,2-Dichloroethane	N.D. mg/kg	0.1	083600000P
1,1,1-Trichloroethane	N.D. mg/kg	0.1	083700000P
Carbon tetrachloride	N.D. mg/kg	0.1	083800000P
Bromodichloromethane	N.D. mg/kg	0.1	083900000P
1,1,2,2-Tetrachloroethane	N.D. mg/kg	0.1	084900000P
1,2-Dichloropropane	N.D. mg/kg	0.1	084000000P
trans-1,3-Dichloropropene	N.D. mg/kg	0.1	084100000P
Trichloroethene	0.1 mg/kg	0.1	084200000P
Dibromochloromethane	N.D. mg/kg	0.1	084600000P
1,1,2-Trichloroethane	N.D. mg/kg	0.1	084500000P
Benzene	N.D. mg/kg	0.1	084300000P
cis-1,3-Dichloropropene	N.D. mg/kg	0.1	084400000P
2-Chloroethylvinyl ether	N.D. mg/kg	0.2	082600000P
Bromoform	N.D. mg/kg	0.1	084700000P
Tetrachloroethene	N.D. mg/kg	0.1	084800000P
Toluene	N.D. mg/kg	0.1	085000000P
Chlorobenzene	N.D. mg/kg	0.1	085100000P
Ethylbenzene	N.D. mg/kg	0.1	085200000P

1 COPY TO Dames & Moore

ATTN: Thor Helgason, Proj. Engineer

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Nelson H. Risser B.A.
Senior Chemist- GC/MS

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ANALYSIS REPORT

Lancaster Laboratories

INCORPORATED

LLI Sample No. SW 1195223

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

HVDC Montgomeryville US-1 Upstream Grab Sediment
Collected on 09/14/87 (1000) by SJM

ANALYSIS	RESULT	LIMIT OF	LAB CODE
Purgables Method # 624	DRY WT. BASIS attached	DETECTION	052001000P

The chain of custody states the collection time as (1000) but the label states the time as (1030).

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Timothy S. Oostdyk, B.A.
Group Leader, Inorganics

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HVDC Montgomeryville US-1 Upstream Grab Sediment
Collected on 09/14/87 (1000) by SJM

	RESULT	LIMIT OF	LAB CODE
	DRY WT. BASIS	DETECTION	
Purgables Method # 624			
Chloromethane	N.D. mg/kg	0.3	082700000P
Bromomethane	N.D. mg/kg	0.3	082800000P
Vinyl chloride	N.D. mg/kg	0.3	082900000P
Chloroethane	N.D. mg/kg	0.3	083000000P
Acrolein	N.D. mg/kg	3.	082400000P
Acrylonitrile	N.D. mg/kg	3.	082500000P
Methylene chloride	N.D. mg/kg	0.1	083100000P
Trichlorofluoromethane	N.D. mg/kg	0.1	079000000P
1,1-Dichloroethene	N.D. mg/kg	0.1	083200000P
1,1-Dichloroethane	N.D. mg/kg	0.1	083300000P
trans-1,2-Dichloroethene	N.D. mg/kg	0.1	083400000P
Chloroform	N.D. mg/kg	0.1	083500000P
1,2-Dichloroethane	N.D. mg/kg	0.1	083600000P
1,1,1-Trichloroethane	N.D. mg/kg	0.1	083700000P
Carbon tetrachloride	N.D. mg/kg	0.1	083800000P
Bromodichloromethane	N.D. mg/kg	0.1	083900000P
1,1,2,2-Tetrachloroethane	N.D. mg/kg	0.1	084900000P
1,2-Dichloropropane	N.D. mg/kg	0.1	084000000P
trans-1,3-Dichloropropene	N.D. mg/kg	0.1	084100000P
Trichloroethene	0.13 mg/kg	0.1	084200000P
Dibromochloromethane	N.D. mg/kg	0.1	084600000P
1,1,2-Trichloroethane	N.D. mg/kg	0.1	084500000P
Benzene	N.D. mg/kg	0.1	084300000P
cis-1,3-Dichloropropene	N.D. mg/kg	0.1	084400000P
2-Chloroethylvinyl ether	N.D. mg/kg	0.3	082600000P
Bromoform	N.D. mg/kg	0.1	084700000P
Tetrachloroethene	N.D. mg/kg	0.1	084800000P
Toluene	N.D. mg/kg	0.1	085000000P
Chlorobenzene	N.D. mg/kg	0.1	085100000P
Ethylbenzene	N.D. mg/kg	0.1	085200000P

1 COPY TO Dames & Moore

ATTN: Thor Helgason, Proj. Engineer

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Senior Chemist- GC/MS

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ANALYSIS REPORT

Lancaster Laboratories INCORPORATED

LLI Sample No. SW 1195224

Dames & Moore
4620 E. Street Road
Langhorne, PA 19047-6612

Date Reported 10/ 5/87
Date Submitted 9/15/87
Discard Date 11/ 5/87
Collected by C
P.O.
Rel.

HVDC Montgomeryville DS-1 Downstream Grab Sediment
Collected on 09/14/87 (1015) by SJM

ANALYSIS	RESULT AS RECEIVED	LIMIT OF DETECTION	LAB CODE
Moisture	19.1 % by wt.	0.1	011101000P
Purgables Method # 624	attached		052022000P

The chain of custody states the collection time as (1015) but the label states the time as (1030).

1 COPY TO Dames & Moore

ATTN: Thor Helgason, Proj. Engineer

04083 25.00 025500

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Group Leader, Inorganics

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07-12-17-1985

WR 1955-0-1-10

LLI Sample No. SW 1195224

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HVDC Montgomeryville DS-1 Downstream Grab Sediment
Collected on 09/14/87 (1015) by SJM

Purgables Method # 624	RESULT AS RECEIVED	mg/kg	LIMIT OF DETECTION	LAB CODE
Chloromethane	N.D.	mg/kg	0.2	082700000P
Bromomethane	N.D.	mg/kg	0.2	082800000P
Vinyl chloride	N.D.	mg/kg	0.2	082900000P
Chloroethane	N.D.	mg/kg	0.2	083000000P
Acrolein	N.D.	mg/kg	2.	082400000P
Acrylonitrile	N.D.	mg/kg	2.	082500000P
Methylene chloride	N.D.	mg/kg	0.1	083100000P
Trichlorofluoromethane	N.D.	mg/kg	0.1	079000000P
1,1-Dichloroethene	N.D.	mg/kg	0.1	083200000P
1,1-Dichloroethane	N.D.	mg/kg	0.1	083300000P
trans-1,2-Dichloroethene	N.D.	mg/kg	0.1	083400000P
Chloroform	N.D.	mg/kg	0.1	083500000P
1,2-Dichloroethane	N.D.	mg/kg	0.1	083600000P
1,1,1-Trichloroethane	N.D.	mg/kg	0.1	083700000P
Carbon tetrachloride	N.D.	mg/kg	0.1	083800000P
Bromodichloromethane	N.D.	mg/kg	0.1	083900000P
1,1,2,2-Tetrachloroethane	N.D.	mg/kg	0.1	084900000P
1,2-Dichloropropane	N.D.	mg/kg	0.1	084000000P
trans-1,3-Dichloropropene	N.D.	mg/kg	0.1	084100000P
Trichloroethene	N.D.	mg/kg	0.1	084200000P
Dibromochloromethane	N.D.	mg/kg	0.1	084600000P
1,1,2-Trichloroethane	N.D.	mg/kg	0.1	084500000P
Benzene	N.D.	mg/kg	0.1	084300000P
cis-1,3-Dichloropropene	N.D.	mg/kg	0.1	084400000P
2-Chloroethylvinyl ether	N.D.	mg/kg	0.2	082600000P
Bromoform	N.D.	mg/kg	0.1	084700000P
Tetrachloroethene	N.D.	mg/kg	0.1	084800000P
Toluene	N.D.	mg/kg	0.1	085000000P
Chlorobenzene	N.D.	mg/kg	0.1	085100000P
Ethylbenzene	N.D.	mg/kg	0.1	085200000P

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HVDC Montgomeryville DS-1 Downstream Grab Sediment
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ANALYSIS	RESULT	LIMIT OF	LAB CODE
Purgables Method # 624	DRY WT. BASIS attached	DETECTION	052001000P

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HVDC Montgomeryville DS-1 Downstream Grab Sediment
Collected on 09/14/87 (1015) by SJM

	RESULT	LIMIT OF	LAB CODE
	DRY WT. BASIS	DETECTION	
Purgables Method # 624			
Chloromethane	N.D. mg/kg	0.2	082700000P
Bromomethane	N.D. mg/kg	0.2	082800000P
Vinyl chloride	N.D. mg/kg	0.2	082900000P
Chloroethane	N.D. mg/kg	0.2	083000000P
Acrolein	N.D. mg/kg	2.	082400000P
Acrylonitrile	N.D. mg/kg	2.	082500000P
Methylene chloride	N.D. mg/kg	0.1	083100000P
Trichlorofluoromethane	N.D. mg/kg	0.1	079000000P
1,1-Dichloroethene	N.D. mg/kg	0.1	083200000P
1,1-Dichloroethane	N.D. mg/kg	0.1	083300000P
trans-1,2-Dichloroethene	N.D. mg/kg	0.1	083400000P
Chloroform	N.D. mg/kg	0.1	083500000P
1,2-Dichloroethane	N.D. mg/kg	0.1	083600000P
1,1,1-Trichloroethane	N.D. mg/kg	0.1	083700000P
Carbon tetrachloride	N.D. mg/kg	0.1	083800000P
Bromodichloromethane	N.D. mg/kg	0.1	083900000P
1,1,2,2-Tetrachloroethane	N.D. mg/kg	0.1	084000000P
1,2-Dichloropropane	N.D. mg/kg	0.1	084000000P
trans-1,3-Dichloropropene	N.D. mg/kg	0.1	084100000P
Trichloroethene	N.D. mg/kg	0.1	084200000P
Dibromochloromethane	N.D. mg/kg	0.1	084600000P
1,1,2-Trichloroethane	N.D. mg/kg	0.1	084500000P
Benzene	N.D. mg/kg	0.1	084300000P
cis-1,3-Dichloropropene	N.D. mg/kg	0.1	084400000P
2-Chloroethylvinyl ether	N.D. mg/kg	0.2	082600000P
Bromoform	N.D. mg/kg	0.1	084700000P
Tetrachloroethene	N.D. mg/kg	0.1	084800000P
Toluene	N.D. mg/kg	0.1	085000000P
Chlorobenzene	N.D. mg/kg	0.1	085100000P
Ethylbenzene	N.D. mg/kg	0.1	085200000P

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